DRIVE ACADEMY®

MOVIDRIVE® B – Operation Start Up and Troubleshooting

Training Description

Often there is more of a requirement to understand the process of preparing for a replacement or an inverter then there is to understand the actual operation. The aim of this course is to acquire the basic knowledge of the MOVIDRIVE B, focusing on the startup, basic parameter setting, quick troubleshooting and inverter replacement without going into too much depth of the operation of the inverter.

The software package MOTIONSTUDIO will be used to perform the majority of these tasks.

Target Group

- Electricians, Engineers & Maintenance Staff

Seminar Objectives

- Know the technical data for the MOVIDRIVE B
- Use MOTIONSTUDIO and MT Manager to communicate with MOVIDRIVE® B
- Startup a motor in the VFC and CFC operating modes & Servo modes
- Save data with PC and keypad and upload it to the inverter
- Understand the tasks required for troubleshooting basic faults for all key components of a drive system – inverter, motor, brakes, encoders, application

Contents

- Basic technical data for MOVIDRIVE B
- Wiring and startup of MOVIDRIVE B
- Commissioning inverters via SEW software packages
- Data backup with PC and keypad
- Using DBG60B keypad
- Basic fault diagnostics with key drive & application faults
- Using SCOPE to record data channels

Requirements

- Electrical engineering basics or qualification as electrician

Methods

- Educational dialogs, practical exercises

Location

- SEW

Duration

- 1 Day